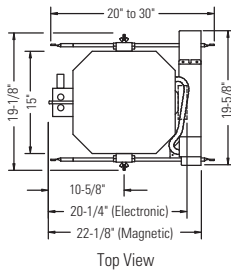




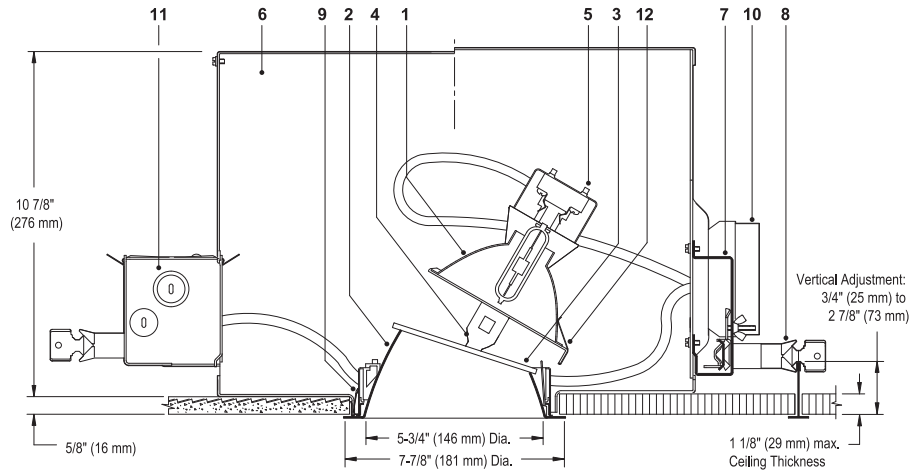
Calculite® HID Adjustable Accent **C6T6A-MHT6RS**



Spot Upper Reflector



Ceiling Cutout: 9 9/16" (167mm) Dia.



For Complete Fixture Order: Trim Kit + Spot Upper Reflector (MHT6RS) + Frame-In Kit. Each Sold Separately.

Trim Kit + Spot Upper Reflector		Frame-In Kit	Lamp		
C6T6A	+ MHT6RS (Spot Upper Reflector)	C6A39T6E1	Electronic 120V	39W T6	Ceramic MH
CLW	Specular Clear, White Painted Flange	C6A39T6E2	Electronic 277V	39W T6	Ceramic MH
CLP	Specular Clear, Matching Flange	C6A70T6E1	Electronic 120V	70W T6	Ceramic MH
CCDW	Comfort Clear Diffuse, White Painted Flange	C6A70T6E2	Electronic 277V	70W T6	Ceramic MH
CCDP	Comfort Clear Diffuse, Matching Flange	C6A15T6E1	Electronic 120V	150W T6	Ceramic MH
CCZW	Champagne Bronze, White Painted Flange	C6A15T6E2	Electronic 277V	150W T6	Ceramic MH
CCZP	Champagne Bronze, Matching Flange		Magnetic 120V/277V	150W T6	Ceramic MH

Features

- Spot Upper Reflector:** Specular faceted aluminum; provides 12° beam. Interchangeable with 25° Narrow Flood (MHT6RNF) and 40° Flood (MHT6RF); see spec sheets C6T6A-MHT6RNF and C6T6A-MHT6RF.
- Trim Kit:** Low brightness aperture cone; anodized aluminum, self-flanged in painted white or aperture-matching polished flange. Consult factory for other finishes.
- Lamp Shield:** High-temperature glass as required by code; captive during re-lamping.
- Trim Kit Adjustment Mechanism:** Provides 40° vertical tilt, 360° horizontal rotation; lockable. Patented EZ-Aim™ Helical Drive System provides fast and accurate hot aiming with Philips screwdriver.
- Socket Housing:** Galvanized steel, pre-wired with G12 pulse rated socket. Snaps onto yoke for secure attachment without tools; unitized construction assures proper alignment of lamp to optics for consistent optical performance.
- Frame Housing:** Steel, 0.029" (22-Ga.), matte black finish. Removable cover for top re-lamping.
- Frame Vertical Adjustment Mechanism:** Accommodates mounting to virtually any ceiling system using pre-installed mounting bars, or 1/2" EMT tubing (by others). Single locking feature secures all adjustments. Alignment holes and markings allow fixture to be pre-set prior to installation. Final adjustment can be made from below from inside fixture.
- Mounting Bars:** Galvanized steel, 0.048" (18-ga.), pre-installed telescoping bars extend to 30" long and lock securely into position. Built-in locking tabs provide positive attachment to common T-bar systems. Self-centering feature simplifies installation in 24" O.C. grid systems. Attaches to steel or wood joists without accessories.
- Retention Springs:** Rust resistant springs secure trim for quick, tool-less installation.
- Ballast / Cover Assembly:** Accessible from below and removable without tools for inspection and ballast replacement.
- Junction Box:** 0.059" (16-ga.) galvanized steel. UL listed for 8 No. 12 AWG, 90°C through branch circuit conductors. Allows inspection from below.
- Accessory Holder:** Sold separately catalog # CAH6; die-formed steel, matte black finish, slide-in installation. Accepts up to two 4 3/4" dia. media.
- Thermal Protector:** (Not Shown) Meets NEC and UL requirements. Do not install insulation above nor within 3" (76mm) of any part of the luminaire.

Electrical

Electronic Ballast: 120V or 277V, 50/60 Hz., encased, high power factor, T.H.D <15%, thermally and transient protected, RMI/RFI complies with FCC Part 18 on-consumer equipment, shut-down circuit at end of lamp life, sound rating "A", -5°F (-20°F for 150W) minimum starting temperature, Type 1 outdoor rating.

***150W Magnetic Ballast:** 120/277V dual voltage, 60 Hz., encased and potted, HX-HPF circuit type, high power factor, sound rating "B", -20°F minimum starting temperature, Type 1 Outdoor rating.

Ballast	ANSI Code	Voltage	Max. Amps	Input Watts
39W MH	M130	120/277	0.39/0.17	44
70W MH	M139	120/277	0.67/0.28	78
150W MH	M142	120/277	1.40/0.60	167
* 150W MH	M142	120/277	3.70/1.60	180

Options and Accessories

Chicago Plenum: Consult Factory

Labels

UL (Suitable for Damp Locations), CSA, I.B.E.W.

For 150W, install fixtures with minimum spacing between:

- Center-to center of adjacent luminaires: 2 feet.
- Top of luminaire to overhead building member: 1/2 inch.
- Luminaire center to side building member: 1 foot.

Job Information	Type:
Job Name:	
Cat. No.:	
Lamp(s):	
Notes:	

Lightolier a Genlyte company

www.lightolier.com

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710

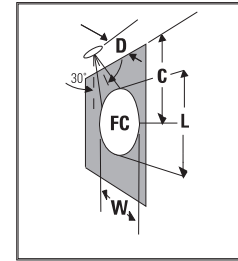
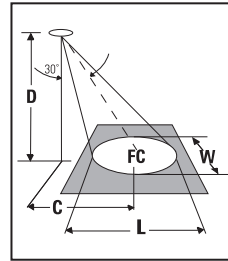
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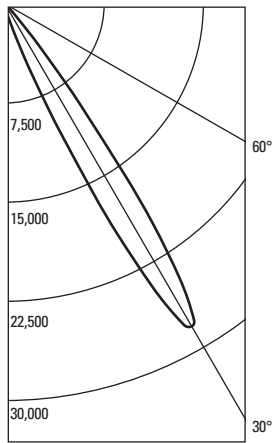


Calculite® HID Adjustable Accent **C6T6A-MHT6RS**

(FC) is initial footcandles at center of beam. Beam length (L) and beam width (W) are to where the candlepower is reduced to 50% of the center beam candlepower. (C) is the distance to the center of the beam.



CANDLEPOWER DISTRIBUTION



ANGLE WALL **39W T6 - SPOT REFLECTOR**

0	818
5	750
10	690
15	1259
20	4462
25	15824
30	28178
35	15763
40	2815
45	449
50	113
55	25
60	7
65	7
70	0
75	0
80	0
85	0
90	0

AIMED 30 deg. TOWARD WALL
LAMP: 39W T6 MH, PHILIPS
LUMEN RATING: 3400 LMS.
CBCP: 28178
Beam Angle: 11
AROMAT 39W ELECTRONIC BALLAST

DATE: APR 17, 2004
CERTIFIED TEST REPORT NO. 2603FR

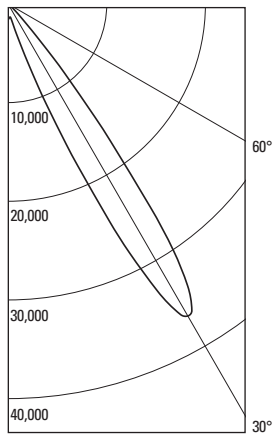
COMPUTED BY LSI PROGRAM
TEST-LITE

30° Aiming Angle
Horizontal Surface

D	C	FC	L	W
6'	3.5'	508	1.5'	1.3'
8'	4.6'	286	2.1'	1.8'
10'	5.8'	183	2.6'	2.2'
12'	6.9'	127	3.1'	2.7'
15'	8.7'	81	3.9'	3.3''

30° Aiming Angle
Vertical Surface

D	C	FC	L	W
2'	3.5'	881	1.6'	0.8'
3'	5.2'	391	2.4'	1.2'
4'	6.9'	220	3.2'	1.5'
6'	10.4'	98	4.8'	2.3'
8'	13.9'	55	6.3'	3.1'



ANGLE WALL **70W T6 - SPOT REFLECTOR**

0	1572
5	1428
10	1372
15	2778
20	8866
25	24261
30	36503
35	25125
40	7106
45	1406
50	299
55	22
60	0
65	0
70	0
75	0
80	0
85	0
90	0

AIMED 30 deg. TOWARD WALL
LAMP: 70W T6 MH, PHILIPS
LUMEN RATING: 6600 LMS.
CBCP: 36503
Beam Angle: 14
AROMAT 70W ELECTRONIC BALLAST

DATE: APR 16, 2004
CERTIFIED TEST REPORT NO. 2602FR

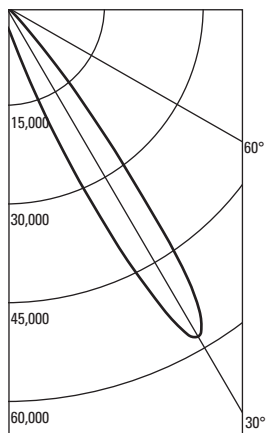
COMPUTED BY LSI PROGRAM
TEST-LITE

30° Aiming Angle
Horizontal Surface

D	C	FC	L	W
8'	4.6'	370	2.6'	2.3'
10'	5.8'	237	3.3'	2.8'
12'	6.9'	165	3.9'	3.4'
15'	8.7'	105	4.9'	4.3'
20'	11.5'	59	6.6'	5.7'

30° Aiming Angle
Vertical Surface

D	C	FC	L	W
3'	5.2'	507	3.1'	1.5'
4'	6.9'	285	4.1'	2.0'
6'	10.4'	127	6.2'	2.9'
8'	13.9'	71	8.2'	3.9'
12'	20.8'	32	12.3'	5.9'



ANGLE WALL **150W T6 - SPOT REFLECTOR**

0	3075
5	3190
10	4131
15	7281
20	17435
25	39398
30	57972
35	41597
40	14245
45	3556
50	1060
55	198
60	20
65	20
70	0
75	0
80	0
85	0
90	0

AIMED 30 deg. TOWARD WALL
LAMP: 150W T6 MH, PHILIPS
LUMEN RATING: 14000 LMS.
CBCP: 57972
Beam Angle: 15
AROMAT 150W ELECTRONIC BALLAST

DATE: APR 18, 2004
CERTIFIED TEST REPORT NO. 2604FR

COMPUTED BY LSI PROGRAM
TEST-LITE

30° Aiming Angle
Horizontal Surface

D	C	FC	L	W
8'	4.6'	588	2.8'	2.4'
10'	5.8'	377	3.5'	3.0'
12'	6.9'	261	4.2'	3.6'
15'	8.7'	167	5.3'	4.6'
20'	11.5'	94	7.1'	6.1'

30° Aiming Angle
Vertical Surface

D	C	FC	L	W
3'	5.2'	805	3.3'	1.6'
4'	6.9'	453	4.4'	2.1'
6'	10.4'	201	6.7'	3.2'
8'	13.9'	113	8.9'	4.2'
12'	20.8'	50	13.3'	6.3'

Job Information **Type:**

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